

64th Annual Meeting of the Canadian Association of Neuropathologists

October 3-5, 2024

SickKids – Peter Gilgan Centre for Research and Learning

686 Bay Street
Auditorium, 2nd floor
Toronto

PROGRAM

Wednesday, October 2

- 1500-1800 Resident Workshop: Career Exploration in Neuropathology
SickKids PSC (new patient centre) Room 11-14-001
- 1800-1900 Break
- 1900-2100 President's Welcome Reception
SickKids Research Tower 19th Floor

Thursday, October 3

Peter Gilgan Centre for Research and Learning, Auditorium, 2nd Floor

- 0715-0800 Registration & Breakfast
Gallery – SickKids – Peter Gilgan Centre for Research and Learning, Auditorium, 2nd Floor
- 0800-815 Opening Remarks
Robert Hammond, CANP President
Peter Schutz, CANP Secretary-Treasurer
- 0815-0915 Gordon Mathieson Invited Lecture
Tauopathies
Dr. Gabor Kovacs, University of Toronto
Moderator: Dr. Rob Hammond
- 0915-0945 Session 1: Scientific Abstract Presentations
Neurodegenerative
Moderator: Dr. Rob Hammond
- 0915-0930 Abstract 1
Distinctive pattern of cerebral amyloid angiopathy in the cerebellum
Dr. David Munoz
- 0930-0945 Abstract 2
Nigral astrocytic tau pathology in PSP
Dr. Hidetomo Tanaka
- 1015-1045 Break Gallery

- 1045-1145 Session 2: Scientific Abstract Presentations
Neuroscience, Psychiatric, and Other
Moderator: Dr. Veronica Hirsch-Reinshagen
- 1045-1100 Abstract 3
Keratan sulfate proteoglycan is expressed in precise temporal and spatial
sequences in human fetal forebrain
Dr. Harvey Sarnat
- 1100-1115 Abstract 4
Unique neuropathological mechanisms underlying cognitive impairment in
schizophrenia
Naomi Futhey
- 1115-1130 Abstract 5
Recent advances in spatial transcriptomics of the extracellular matrix
Dr. Erin Stephenson
- 1130-1330 Lunch
- 1330-1430 Session 3: Scientific Abstract Presentations
Epilepsy and Tumors 1
Moderator: Dr. Cynthia Hawkins
- 1130-1345 Abstract 6
An anatomic transcriptional atlas of focal cortical dysplasia
Dr. Ameesha Paliwal
- 1345-1400 Abstract 7
Transcriptomic profiling reveals hippocampal white matter inflammation as
potential epileptogenic focus in temporal lobe epilepsy
Xuan Wang
- 1400-1415 Abstract 8
Global proteomics reveals bidirectional integrin signaling as a driver of glioblastoma
invasion
Dr. Rifat Sajid
- 1415-1430 Abstract 9
Integration of molecular and morphometric features improves prognostication of
diffuse gliomas
Dr. Dimitrios Oreopoulos
- 1530-1930 RCPSC NP Specialty Training Committee Meeting

Friday, October 4

SickKids – Peter Gilgan Centre for Research and Learning, Auditorium, 2nd Floor

- 0730-0815 Breakfast and Registration
SickKids – Peter Gilgan Centre for Research and Learning, Auditorium, 2nd Floor
(outside the hall)
- 0815-0915 Session 4: Scientific Abstracts Presentations
Tumors 2
Moderator: Dr. Kristopher Langdon
- 0815-0830 Abstract 10
A 13 year Review of Non-Diffuse Large B Cell Lymphomas of the Central Nervous System at a Tertiary Hospital; a Case Series Study
Dr. Niloofar Sina
- 0830-0845 Abstract 11
Cost-Benefit Analysis of Fluorescence in Situ Hybridization Testing in the Diagnosis of IDH-Mutant 1p/19q-Codeleted Oligodendrogliomas
Dr. Jacob Houpt
- 0845-0900 Abstract 12
Infant-type hemispheric glioma is mostly relatively well-demarcated tumor and not diffusely infiltrative
Dr. Murad Alturkustani
- 0900-0915 Abstract 13
Features of Central Nervous System Metastases by Neoplasms of Gynecological Origin
Dr. Jacob Houpt
- 0915-0945 Break
- 0945-1130 Neuropathology in Practice Forum: Molecular Testing of Brain Tumors
Moderator: Dr. Rob Hammond

Short presentations:
Dr. U. Tabori, University of Toronto, on pediatric neuro-oncology
Dr. M J Lim-Fat, University of Toronto: Clinical Application Of Molecular Testing In Adult Brain Tumors
- 1130-1300 Lunch
- 1300-1445 Diagnostic Cases – Session I
Moderator: Dr. Andrew Gao
- 1300-1315 Case 1 Dr. Assem Alrumeh
- 1315-1330 Case 2 Dr. Christopher Newell
- 1330-1345 Case 3 Dr. Karina Martin

- 1345-1400 Case 4 Dr. Arnulf Koeppen
- 1400-1415 Case 5 Dr. Shervin Pejhan
- 1415-1435 Break
- 1435-1535 Diagnostic Cases – Session II
Moderator: Dr. Andrew Gao
- 1435-1450 Case 6 Dr. Jacob Houpt
- 1450-1505 Case 7 Dr. L. Hamilton
- 1505-1520 Case 8 Dr. M. Khoury
- 1520-1535 Case 9 Dr. Shervin Pejhan
- 1535-1540 CANP Announcements
- 1700-1800 Tour of Thomas Fisher Rare Books Library
120 St George St, Toronto, ON
- 1800-2100 CANP ANNUAL BANQUET – UNIVERSITY OF TORONTO FACULTY CLUB
41 Willcocks Street, Toronto

Saturday, October 5

SickKids – Peter Gilgan Centre for Research and Learning, Auditorium, 2nd Floor

Presidential Symposium: Looking to the Future – Digital Pathology and Spatial Transcriptomics

Moderators: Dr. Rob Hammond and Dr. Peter Schutz

- 0700-0800 Breakfast and Registration
SickKids – Peter Gilgan Centre for Research and Learning, Auditorium, 2nd Floor
(outside the hall)
- 0750-0800 Welcome and Pre-Test
- 0800-0850 David Robertson Guest Lecture
Topic: Transcriptomic cytoarchitecture of the brain
Dr. A. Kriegstein, UCSF
- 0850-0940 Jerzy Olszewski Guest Lecture
Topic: An integrated single-cell and spatial transcriptomics approach reveals the heterogeneity of the astrocyte response to stroke
Dr. M. Faiz, University of Toronto
- 0940-1000 Break
- 1000-1050 Invited Lecture
Title: Digital pathology applications in neurodegeneration
Dr. Brittany Dugger, UC Davis School of Medicine

- 1050-1140 Invited Lecture
Title: Digital pathology applications in neuro-oncology
Dr. S. Camelo-Piragua, University of Michigan
- 1140-1230 Invited Lecture
Title: Optimizing Digital Pathology with AI: Strategic Approaches for Modern Clinical Practice
Dr. Matthew Cecchini, Western University
- 1230-1245 Post-Test; Resident prizes; Closing remarks, Adjournment
Moderator: Robert Hammond, Peter Schutz